**Functional Specifications Document**

**CLIENT:** WorldSurf.com

**UI Designer:** TBA

## Introduction

The purpose of this document is to detail a design solution for the WorldSurf.com project. This document will serve as the detailed design baseline for a user interface (UI) and will provide the complete description of requirements for each UI within the web application.

## Project Description

WorldSurf.com will be the first web 2.0 surf portal available on devices including mobile. The site will serve as an information portal to the public providing the highest visibility of content on various surf destinations around the world *(Homepage Ui)*. Users will be able to explore detailed information of each destination *(Details Ui)*. Each destination will include “members only” content, providing WorldSurf.com members with bookmark capability, web cam access to the destination, as well as user-supplied “tips & tricks”. Additionally, the web application will incorporate a sign-up section that will allow users to create a *free* account *(Forms UI)*. With an account, members will have access to the “*members only”* content for each destination, as well as access to “My World”, the WorldSurf.com content management systems*.* Here users will be able to add and edit information and photos pertaining to a destination, as well as create new surf destinations of their own *(moderated)*. WorldSurf.com will be the only site of its kind with content created *for* surfers, *by* surfers.

## Proposed Solution Outline

The following is the proposed solution outline for the WorldSurf.com project:

* Conceptualize and develop the required UI’s allowing users to access content logically and efficiently by leveraging usability and interaction design principles, and interface design patterns discussed.
* Design the web application to have **3 primary UI’s:** **Home - Destination – Sign Up**
* *Designer will create additional pages/subsections/notification panels where logically needed.*
* Designer should utilize and represent the placement of graphical and textual elements within the interface. Good verbiage (nomenclatures) and correct spelling should be utilized in accordance to the overall site context and established user demographic.

**B2 - Sign Up** **Form** (Sign Up to Become a Worldsurf Member)

* First Name
* Last Name
* Email
* Country
* Street Address *(based on selected country)*
* City *(based on selected country)*
* State *(based on selected country)*
* Zip Code
* Phone Number
* Gender
* Age
* Countries of Interest *(choose from a list of available destination countries)*
* Agree to Terms *(link must allow users to read the terms)*
* Become a Worldsurf.com Nomad *(receive Worldsurf.com emails & offers)*
* Username
* Password
* Submit affordance/signifier

**B3 and B5 - Details** **Page** (Select / View Destinations around the World)

* **(B5 For Desktop ONLY)** Select / Re-select a Destination
  + Utilize a Desktop friendly navigation model *(with* *mobile design patterns from WiU)*
* Destination information ([provided](https://docs.google.com/document/d/1hRiRBx5_leSn9YQ3N8GKPVxrJrxTcAooSDSJ6pIn_MI/edit?usp=sharing))
  + Description
  + Photo *(default)*
  + Gallery *(user supplied)*
  + Details
    - Wave type *(beach break, point break, slab break)*
    - Bottom type *(sand, rock, gravel, reef)*
    - Best Season *(spring, summer, fall, winter)*
    - Best Tide *(low, mid, high)*
    - Best Swell Direction *(N, S, E, W, NE, SE, SW etc.)*
    - Best Board type *(short, fish, mid, gun, long)*
    - Crowds *(low, average, high, forget it)*
    - Ability Level *(beginner, intermediate, advanced)*
  + Current Conditions
    - Current wave height *(presented in feet/meters)*
    - Current wind speed *(presented in Mph/Knts)*
    - Current tide schedule *(show times for high/low tides)*
    - Current air/h2O temps *(each presented in F/C degrees)*
* Members Only Content **(available only to users who have signed up)**
  + Add a Destination Bookmark *(Surf Saver)*
    - Titles stored by Country, Region, Beach (break)
  + **(B5 For Desktop ONLY)** View Destination Bookmarks *(*[*provided*](https://docs.google.com/document/d/1hRiRBx5_leSn9YQ3N8GKPVxrJrxTcAooSDSJ6pIn_MI/edit?usp=sharing)*)*
    - Listed by Country > Region > Break
  + Destination Cams
    - Viewable *(no cam controls)*
  + Tips/Tricks  *(*[*provided*](https://docs.google.com/document/d/1hRiRBx5_leSn9YQ3N8GKPVxrJrxTcAooSDSJ6pIn_MI/edit?usp=sharing)*)*
    - What to bring
    - Getting here
    - Eating
    - Sleeping
    - Nearby Usefuls

**B4 and B6 - Homepage & Categories** (Explore a World of Waves at your Fingertips)

* **Brand** *(logo placement)*
* **Value Proposition**
  + “A World of Waves at your Fingertips” *(*[*provided*](https://docs.google.com/document/d/1y8-wvFEnjSoBXcDlE5BrnMw580jB2KVQFIf7XU8N39g/edit?usp=sharing)*)*
  + Site Description *(*[*provided*](https://docs.google.com/document/d/1y8-wvFEnjSoBXcDlE5BrnMw580jB2KVQFIf7XU8N39g/edit?usp=sharing)*)*
* **Members**
  + Login Form *(for returning members)*
    - username field and label
    - password field and label
    - remember me affordance/signifier
    - “Log In” affordance/signifier
  + Become a Member *(for new visitors)*
    - provide benefits
    - affordance/signifier that takes users to the sign-up form
* **Featured Destination**
  + Destination title *(ex. Supertubos, Peniche Portugal)*
  + Picture
  + Brief description
  + “View Details” affordance/signifier
* **Browse (3 total) \*\*For Mobile users these links will direct users to list views**

1. Link to site category (ex. Destinations)
2. Link to site category (ex. Surf Savers)
3. Link to site category (ex. Top Picks)

* **Search**
  + Search field with intuitive affordance/signifier to search

Delivery Considerations

The following design considerations shall be adhered to when developing the UI for Worldsurf.com:

* The Mobile UI's will be designed for an iPhone4 device **(width 640px - height 960px)**
* The Desktop UI's will be designed for standard displays **(width 960px - height 745px)**
* Images will be optimized for web delivery **(72 DPI - .jpg format)**